

Denis Morris

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

103
citations

1684188

5
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of high resistivity cold-implanted InGaAsP photoconductors for efficient pulsed terahertz devices. <i>Optical Materials Express</i> , 2011, 1, 1165.	3.0	25
2	Post-growth engineering of InAs/GaAs quantum dots™ band-gap using proton implantation and annealing. <i>Nanotechnology</i> , 2006, 17, 3707-3709.	2.6	20
3	Improved two-temperature modeling of ultrafast thermal and optical phenomena in continuous and nanostructured metal films. <i>Physical Review B</i> , 2020, 102, .	3.2	20
4	Impact of n -type doping on the carrier dynamics of silicon nanowires studied using optical-pump terahertz-probe spectroscopy. <i>Physical Review B</i> , 2014, 89, .	3.2	14
5	Structural, optical and terahertz properties of graphene-mesoporous silicon nanocomposites. <i>Nanoscale Advances</i> , 2020, 2, 340-346.	4.6	8
6	O-Band Emitting InAs Quantum Dots Grown by MOCVD on a 300 mm Ge-Buffered Si (001) Substrate. <i>Nanomaterials</i> , 2020, 10, 2450.	4.1	5
7	Critical process temperatures for resistive InGaAsP/InP heterostructures heavily implanted by Fe or Ga ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 359, 99-106.	1.4	4
8	Microstructural evolution of a recrystallized Fe-implanted InGaAsP/InP heterostructure. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1888-1896.	1.8	3
9	Engineering visible light emitting point defects in Zr-implanted polycrystalline AlN films. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	2
10	Terahertz photoconductivity and photocarrier dynamics in graphene™ mesoporous silicon nanocomposites. <i>Physical Review B</i> , 2020, 102, .	3.2	1
11	Ultrafast photocarrier dynamics in Fe-implanted InGaAs polycrystalline photoconductive materials. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 385701.	1.8	1